

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	11/05/2019 11/05/2019	Luz Dial

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2013_2				
Comment Code					
Inspector Comment					
The LMA has a written emergency plan and is scheduled for flood fight training in November 2019.					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2013_24				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies stored at various locations throughout the district.					

No Photos

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0001_01_f_2019_25				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual available at the office.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

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Unit No. 01 Arcade Creek	Left	2.08	11/05/2019 11/05/2019	Luz Dial

LM Start	1.21	Rating **	M	Issue No.	45
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.625080°	38.625080°	
			-121.447517°	-121.447517°	
DWR ID	DWR_NA0001_01_f_2019_45				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris from the levee slope.					

No Photos

LM Start	1.34	Rating **	N	Issue No.	26
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.625926°	38.625926°	
			-121.445329°	-121.445329°	
DWR ID	DWR_NA0001_01_f_2013_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.34	Rating **	C	Issue No.	76
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.625972°	38.625972°	
			-121.445265°	-121.445265°	
DWR ID	DWR_NA0001_01_s_2019_76				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove a fallen tree limb at the toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	11/05/2019 11/05/2019	Luz Dial

LM Start	1.36	Rating **	N	Issue No.	178	
LM End	1.36	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.626063 °		38.626063 °
				-121.444988 °		-121.444988 °
DWR ID	DWR_NA0001_01_s_2012_178					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						
There are two stumps at the landside toe.						

Photo 1 of 1 : FA_2019_NA0001_51_178_20190904_00055.jpg



11/17/2011 Two stumps at levee toe.

LM Start	1.41	Rating **	N	Issue No.	72
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626253 °	38.626253 °
				-121.444165 °	-121.444165 °
DWR ID	DWR_NA0001_01_f_2015_72				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.48	Rating **	C	Issue No.	75
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626912 °	38.626912 °
				-121.443229 °	-121.443229 °
DWR ID	DWR_NA0001_01_s_2017_75				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
There are stairs dug into waterside levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	11/05/2019 11/05/2019	Luz Dial

LM Start	1.61	Rating **	C	Issue No.	31
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.627191°	38.627191°	
			-121.440861°	-121.440861°	
DWR ID	DWR_NA0001_01_f_2012_31				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.69	Rating **	C	Issue No.	65
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.627585°	38.627585°	
			-121.439561°	-121.439561°	
DWR ID	DWR_NA0001_01_f_2015_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
The LMA backfilled the hole and is actively monitoring the area.					

No Photos

LM Start	1.69	Rating **	C	Issue No.	48
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.627594°	38.627594°	
			-121.439540°	-121.439540°	
DWR ID	DWR_NA0001_01_s_2014_48				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Tree obstructing visibility and access.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	11/05/2019 11/05/2019	Luz Dial

LM Start	1.69	Rating **	N	Issue No.	74
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627607 °	38.627607 °
				-121.439545 °	-121.439545 °
DWR ID	DWR_NA0001_01_s_2017_74				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
There is a 24-inch large tree stump at the levee toe.					

Photo 1 of 1 : FA_2019_NA0001_51_74_20190904_00046.jpg



View of the tree stump at the levee toe.

LM Start	1.88	Rating **	C	Issue No.	60
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627870 °	38.627870 °
				-121.436188 °	-121.436188 °
DWR ID	DWR_NA0001_01_s_2019_60				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	0.37	Rating **	C	Issue No.	21
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606430 °	38.606430 °
				-121.467782 °	-121.467782 °
DWR ID	DWR_NA0001_02_f_2018_21				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair slope damage.					

No Photos

LM Start	0.73	Rating **	C	Issue No.	35
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.611458 °	38.611458 °
				-121.466495 °	-121.466495 °
DWR ID	DWR_NA0001_02_f_2018_35				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor footpath damage.					

No Photos

LM Start	0.73	Rating **	C	Issue No.	24
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.611529 °	38.611529 °
				-121.466801 °	-121.466801 °
DWR ID	DWR_NA0001_02_s_2016_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	0.92	Rating **	C	Issue No.	41
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.614240 °	38.614240 °	
			-121.466645 °	-121.466645 °	
DWR ID	DWR_NA0001_02_s_2019_41				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage from footpath dug into levee.					

No Photos

LM Start	0.93	Rating **	C	Issue No.	13
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.614380 °	38.614380 °	
			-121.466684 °	-121.466684 °	
DWR ID	DWR_NA0001_02_s_2019_13				
Comment Code					
DE : Debris					
Inspector Comment					
Remove homeless debris from crown and slope.					

No Photos

LM Start	0.99	Rating **	C	Issue No.	40
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.615296 °	38.615296 °	
			-121.466856 °	-121.466856 °	
DWR ID	DWR_NA0001_02_s_2019_40				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor erosion rills on slope.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.20	Rating **	C	Issue No.	37
LM End	1.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.618273 °	38.618273 °
				-121.467418 °	-121.467418 °
DWR ID	DWR_NA0001_02_f_2018_37				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor foot paths on slope.					

No Photos

LM Start	1.40	Rating **	C	Issue No.	26
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621054 °	38.621054 °
				-121.468008 °	-121.468008 °
DWR ID	DWR_NA0001_02_f_2015_26				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Monitor slope damage from vehicle traffic.					

No Photos

LM Start	1.44	Rating **	C	Issue No.	34
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621682 °	38.621682 °
				-121.468128 °	-121.468128 °
DWR ID	DWR_NA0001_02_f_2018_34				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor slope damage from foot traffic.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.61	Rating **	C	Issue No.	45
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.624050°	38.624050°	
			-121.468653°	-121.468653°	
DWR ID	DWR_NA0001_02_s_2019_45				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	1.71	Rating **	C	Issue No.	33
LM End	1.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.625528°	38.625528°	
			-121.468865°	-121.468865°	
DWR ID	DWR_NA0001_02_f_2018_33				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on slope.					

No Photos

LM Start	1.92	Rating **	C	Issue No.	44
LM End	1.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.628525°	38.628525°	
			-121.469415°	-121.469415°	
DWR ID	DWR_NA0001_02_s_2019_44				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor erosion rills on slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	2.05	Rating **	C	Issue No.	25
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.630425 °	38.630425 °	
			-121.469807 °	-121.469807 °	
DWR ID	DWR_NA0001_02_f_2015_25				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	C	Issue No.	31
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.632841 °	38.632841 °	
			-121.470258 °	-121.470258 °	
DWR ID	DWR_NA0001_02_f_2018_31				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor slope damage.					

No Photos

LM Start	2.25	Rating **	C	Issue No.	30
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.633308 °	38.633308 °	
			-121.470349 °	-121.470349 °	
DWR ID	DWR_NA0001_02_f_2018_30				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion is worsening around steps dug into levee slope.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	2.36	Rating **	C	Issue No.	29
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.634885°	38.634885°	
			-121.470643°	-121.470643°	
DWR ID	DWR_NA0001_02_f_2018_29				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair footpath on levee slope.					

No Photos

LM Start	2.59	Rating **	C	Issue No.	27
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.638109°	38.638109°	
			-121.471254°	-121.471254°	
DWR ID	DWR_NA0001_02_f_2016_27				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.79	Rating **	C	Issue No.	1
LM End	2.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.641029°	38.641029°	
			-121.471801°	-121.471801°	
DWR ID	DWR_NA0001_02_f_2017_1				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps dug into the levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 02 Natomas E Canal	Left	3.93	10/31/2019 11/05/2019	Luz Dial

LM Start	2.81	Rating **	C	Issue No.	22
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.641309°	38.641309°	
			-121.471798°	-121.471798°	
DWR ID	DWR_NA0001_02_f_2018_22				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Steps cut into levee slope.					

No Photos

LM Start	2.92	Rating **	C	Issue No.	6
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.642950°	38.642950°	
			-121.472166°	-121.472166°	
DWR ID	DWR_NA0001_02_f_2018_6				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor this location.					

No Photos

LM Start	3.12	Rating **	C	Issue No.	32
LM End	3.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.645798°	38.645798°	
			-121.472713°	-121.472713°	
DWR ID	DWR_NA0001_02_s_2019_32				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/31/2019 11/05/2019	Luz Dial

LM Start	1.42	Rating **	M	Issue No.	15
LM End	1.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.592065 °	38.592065 °
				-121.442407 °	-121.442407 °
DWR ID	DWR_NA0001_03_f_2019_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent holes near the levee toe.					

Photo 1 of 1 : FA_2019_NA0001_490_15_20191119_00032.jpg



View of animal holes on the landside slope. Fall 2019

LM Start	1.88	Rating **	C	Issue No.	12
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.595950 °	38.595950 °
				-121.449305 °	-121.449305 °
DWR ID	DWR_NA0001_03_s_2019_12				
Comment Code					
DE : Debris					
Inspector Comment					
Remove garbage.					

No Photos

LM Start	3.15	Rating **	C	Issue No.	13
LM End	3.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.599025 °	38.599025 °
				-121.470028 °	-121.470028 °
DWR ID	DWR_NA0001_03_s_2019_13				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor animal activity.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/31/2019 11/05/2019	Luz Dial

LM Start	3.17	Rating **	A/W	Issue No.	10
LM End	3.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.599172 °	38.599172 °
				-121.470252 °	-121.470252 °
DWR ID	DWR_NA0001_03_f_2019_10				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath around base of overpass.					

Photo 1 of 1 : FA_2019_NA0001_490_10_20191119_00033.jpg



View of footpaths around column for the overpass. Fall 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	0.02	Rating **	A/W	Issue No.	231
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596780 °	38.596780 °
				-121.506817 °	-121.506817 °
DWR ID	DWR_NA0001_04_f_2019_231				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	0.40	Rating **	M	Issue No.	748	
LM End	0.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP LMA Responsibility			38.600436 °		38.600436 °
				-121.502058 °		-121.502058 °
DWR ID	24303					
Comment Code						
Inspector Comment						
DS_ID:24303 FS_ID:31249 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate Abandoned (ARFCD/Bill) - No As-builts. (DWR UCIP - O. Magana) 12/19/2013 Non-functional crossing--need additional information about how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in corrugated metal riser and splash board drain structure on the landside (LS). (no permit has been identified authorizing this structure, no owner has been identified) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 10+00)]. FS Date: 12/19/2013						

Photo 1 of 3 : UCIP_FA_2019_31249_57212.jpg



Overview of crossing location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	0.40	Rating **	M	Issue No.	748 (cont)	
LM End	0.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.600436 °	38.600436 °	
				-121.502058 °	-121.502058 °	
DWR ID	24303					
Comment Code						
Inspector Comment						
DS_ID:24303 FS_ID:31249 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate Abandoned (ARFCD/Bill) - No As-builts. (DWR UCIP - O. Magana) 12/19/2013 Non-functional crossing--need additional information about how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in corrugated metal riser and splash board drain structure on the landside (LS). (no permit has been identified authorizing this structure, no owner has been identified) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 1, August 1955, (Station 10+00)]. FS Date: 12/19/2013						

LM Start	0.40	Rating **	M	Issue No.	748 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2019_31249_57209.jpg



View of levee crown at this location.

Photo 3 of 3 : UCIP_FA_2019_31249_57210.jpg



View of waterward side--standpipe located on waterward slope.
Standpipe filled with concrete.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	0.46	Rating **	M	Issue No.	227
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.600780 °	38.600780 °	
			-121.500980 °	-121.500980 °	
DWR ID	DWR_NA0001_04_f_2019_227				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limb from the waterside slope.					

No Photos

LM Start	0.71	Rating **	M	Issue No.	222
LM End	0.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.601575 °	38.601575 °	
			-121.496503 °	-121.496503 °	
DWR ID	DWR_NA0001_04_f_2019_222				
Comment Code					
DE : Debris					
Inspector Comment					
Remove tree limb debris on the levee slope.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	1.49	Rating **	M	Issue No.	184
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.599878 °	38.598791 °
				-121.482483 °	-121.479799 °
DWR ID	DWR_NA0001_04_s_2019_184				
Comment Code					
Inspector Comment					
2017 Site ID: LAR 1.8 L					
Status: Eroding					
2017 Field Notes: Site littered with homeless camps. Hard to survey. Site extended downstream.					
Site History: 2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots.					

No Photos

LM Start	1.95	Rating **	A/W	Issue No.	244
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595040 °	38.595040 °
				-121.476882 °	-121.476882 °
DWR ID	DWR_NA0001_04_f_2015_244				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : FA_2019_NA0001_55_244_20190904_00185.jpg



View of the footpath on the landside levee slope. Fall 2016

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	1.95	Rating **	C	Issue No.	197
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.594958°	38.594958°	
			-121.476800°	-121.476800°	
DWR ID	DWR_NA0001_04_s_2019_197				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage from steps dug out of slope.					

No Photos

LM Start	2.86	Rating **	C	Issue No.	248
LM End	2.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.587293°	38.587293°	
			-121.464338°	-121.464338°	
DWR ID	DWR_NA0001_04_s_2012_248				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	3.63	Rating **	C	Issue No.	186
LM End	3.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.588912°	38.588912°	
			-121.451005°	-121.451005°	
DWR ID	DWR_NA0001_04_s_2019_186				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent hole.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	4.29	Rating **	A/W	Issue No.	283
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.582640 °	38.582640 °	
			-121.442064 °	-121.442064 °	
DWR ID	DWR_NA0001_04_f_2018_283				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

No Photos

LM Start	5.55	Rating **	C	Issue No.	277
LM End	5.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.576078 °	38.576078 °	
			-121.423139 °	-121.423139 °	
DWR ID	DWR_NA0001_04_f_2018_277				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.92	Rating **	C	Issue No.	273
LM End	5.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.570755 °	38.570395 °	
			-121.424206 °	-121.424237 °	
DWR ID	DWR_NA0001_04_f_2018_273				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal holes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	6.08	Rating **	A/W	Issue No.	232
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.568503°	38.568503°	
			-121.424072°	-121.424072°	
DWR ID	DWR_NA0001_04_f_2019_232				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Trim tree or remove from LS slope.					

No Photos

LM Start	6.16	Rating **	M	Issue No.	291
LM End	6.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.567363°	38.567363°	
			-121.423912°	-121.423912°	
DWR ID	DWR_NA0001_04_s_2019_291				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limb.					

No Photos

LM Start	6.20	Rating **	C	Issue No.	290
LM End	6.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566787°	38.566787°	
			-121.423812°	-121.423812°	
DWR ID	DWR_NA0001_04_s_2019_290				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove large tree limb at levee toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	6.24	Rating **	C	Issue No.	164
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566198°	38.566198°
				-121.423528°	-121.423528°
DWR ID	DWR_NA0001_04_f_2012_164				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush at levee toe blocks visibility.					

No Photos

LM Start	6.29	Rating **	C	Issue No.	271
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.565472 °	38.565472 °
				-121.423240 °	-121.423240 °
DWR ID	DWR_NA0001_04_f_2018_271				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent holes.					

No Photos

LM Start	6.34	Rating **	A/W	Issue No.	270
LM End	6.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.564833 °	38.564833 °
				-121.422947 °	-121.422947 °
DWR ID	DWR_NA0001_04_f_2018_270				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

Photo 1 of 1 : FA_2019_NA0001_55_270_20190904_00200.jpg



View of footpath on slope. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	6.45	Rating **	A/W	Issue No.	288
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.563243 °	38.563243 °
				-121.422423 °	-121.422423 °
DWR ID	DWR_NA0001_04_s_2019_288				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

No Photos

LM Start	6.57	Rating **	M	Issue No.	287
LM End	6.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.561800 °	38.561800 °
				-121.421407 °	-121.421407 °
DWR ID	DWR_NA0001_04_s_2019_287				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion due to runoff.					

Photo 1 of 1 : FA_2019_NA0001_55_287_20191118_00287.jpg



View of erosion rills downstream of the Guy West Bridge. Fall 2019

LM Start	6.62	Rating **	C	Issue No.	240
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.561121 °	38.560883 °
				-121.420766 °	-121.420514 °
DWR ID	DWR_NA0001_04_s_2017_240				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Only two rodent burrows were visible due to vegetation.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	6.87	Rating **	C	Issue No.	285
LM End	6.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.558618°	38.558618°	
			-121.417515°	-121.417515°	
DWR ID	DWR_NA0001_04_s_2019_285				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.88	Rating **	C	Issue No.	286
LM End	6.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.558585°	38.558585°	
			-121.417373°	-121.417373°	
DWR ID	DWR_NA0001_04_s_2019_286				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
The LMA backfilled numerous animal holes.					

No Photos

LM Start	7.00	Rating **	C	Issue No.	279
LM End	7.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.558013°	38.558013°	
			-121.415205°	-121.415205°	
DWR ID	DWR_NA0001_04_s_2019_279				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The LMA backfilled the animal hole.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	7.12	Rating **	C	Issue No.	278
LM End	7.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.557957 °	38.557957 °
				-121.413022 °	-121.413022 °
DWR ID	DWR_NA0001_04_s_2019_278				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion adjacent to concrete stairway.					

No Photos

LM Start	7.17	Rating **	C	Issue No.	275
LM End	7.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.557993 °	38.557993 °
				-121.412123 °	-121.412123 °
DWR ID	DWR_NA0001_04_s_2019_275				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill two animal holes on levee shoulder.					

No Photos

LM Start	7.20	Rating **	C	Issue No.	266
LM End	7.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.557995 °	38.557995 °
				-121.411579 °	-121.411579 °
DWR ID	DWR_NA0001_04_f_2018_266				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large animal hole on levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	7.25	Rating **	C	Issue No.	274
LM End	7.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.558087°	38.558087°
				-121.410712°	-121.410712°
DWR ID	DWR_NA0001_04_s_2019_274				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	7.91	Rating **	C	Issue No.	269
LM End	7.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559808 °	38.559865 °
				-121.398712 °	-121.398608 °
DWR ID	DWR_NA0001_04_s_2019_269				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent holes on levee on upper slope.					

No Photos

LM Start	8.65	Rating **	C	Issue No.	256
LM End	8.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.564330 °	38.564340 °
				-121.386398 °	-121.386183 °
DWR ID	DWR_NA0001_04_s_2019_256				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal holes on levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	8.71	Rating **	C	Issue No.	255
LM End	8.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.564483 °	38.564530 °
				-121.385365 °	-121.385015 °
DWR ID	DWR_NA0001_04_s_2019_255				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal holes on levee slope.					

No Photos

LM Start	8.75	Rating **	C	Issue No.	250
LM End	8.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.564642 °	38.564642 °
				-121.384520 °	-121.384520 °
DWR ID	DWR_NA0001_04_s_2019_250				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Backfill hole on levee shoulder and exterminate rodents.					

No Photos

LM Start	8.77	Rating **	C	Issue No.	249
LM End	8.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.564700 °	38.564700 °
				-121.384197 °	-121.384197 °
DWR ID	DWR_NA0001_04_s_2019_249				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill two large animal holes at levee toe and one small hole at the shoulder.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	9.48	Rating **	C	Issue No.	223
LM End	9.48	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.566883°	38.566883°	
			-121.371520°	-121.371520°	
DWR ID	DWR_NA0001_04_s_2019_223				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	9.51	Rating **	C	Issue No.	221
LM End	9.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.567073°	38.567073°	
			-121.370995°	-121.370995°	
DWR ID	DWR_NA0001_04_f_2019_221				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stumps line the fence.					

No Photos

LM Start	9.56	Rating **	N	Issue No.	123
LM End	9.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.567246°	38.567246°	
			-121.370146°	-121.370146°	
DWR ID	DWR_NA0001_04_s_2012_123				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Trees, tree stump, bushes, and ground cover are within 10-ft of levee toe.					

Photo 1 of 1 : FA_2019_NA0001_55_123_20190904_00105.jpg



03/16/2012 Large tree stump at levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	9.67	Rating **	M	Issue No.	268
LM End	9.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.567532 °	38.567532 °
				-121.368235 °	-121.368235 °
DWR ID	DWR_NA0001_04_f_2019_268				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents and backfill squirrel hole underneath wooden steps.					

Photo 1 of 1 : FA_2019_NA0001_55_268_20191118_00294.jpg



View of a rodent hole underneath the wooden stairs. Fall 2019

LM Start	9.72	Rating **	N	Issue No.	234
LM End	9.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.567761 °	38.567761 °
				-121.367363 °	-121.367363 °
DWR ID	DWR_NA0001_04_s_2015_234				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_55_234_20190904_00180.jpg



View of the tree stump at the landside levee toe.

LM Start	9.95	Rating **	C	Issue No.	213
LM End	9.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568657 °	38.568657 °
				-121.363290 °	-121.363290 °
DWR ID	DWR_NA0001_04_s_2019_213				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	10.24	Rating **	C	Issue No.	218
LM End	10.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569984 °	38.569984 °
				-121.358182 °	-121.358182 °
DWR ID	DWR_NA0001_04_f_2018_218				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor footpath along levee slope.					

No Photos

LM Start	10.42	Rating **	A/W	Issue No.	228
LM End	10.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570536 °	38.570536 °
				-121.354957 °	-121.354957 °
DWR ID	DWR_NA0001_04_s_2016_228				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored. A PVC pipe is exposed.					

Photo 1 of 2 : FA_2019_NA0001_55_228_20191118_00295.jpg



View of erosion along a footpath. Fall 2019

LM Start	10.42	Rating **	A/W	Issue No.	228 (cont)
LM End	10.42	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0001_55_228_20190904_00177.jpg



View of the footpath on the levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/30/2019 11/01/2019	Luz Dial

LM Start	10.44	Rating **	A/W	Issue No.	219
LM End	10.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570559 °	38.570559 °
				-121.354514 °	-121.354514 °
DWR ID	DWR_NA0001_04_s_2017_219				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : FA_2019_NA0001_55_219_20190904_00172.jpg



View of the footpath on the levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	10/30/2019 10/30/2019	Luz Dial

No Maintenance Issues.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/31/2019 10/31/2019	Luz Dial

LM Start	0.02	Rating **	A/W	Issue No.	6	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP LMA Responsibility			38.657400 °		38.657400 °
				-121.474455 °		-121.474455 °
DWR ID	24092					
Comment Code						
Inspector Comment						
DS_ID:24092						
FS_ID:26884						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 22.7 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at located on the waterside (WS) end. Concrete headwalls on both ends, WS and landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 2, August 1959, Drawing No. 1-4-392 of Exhibit B, (Station 396+65)].						
FS Date: 12/20/2013						

LM Start	0.02	Rating **	A/W	Issue No.	6 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2019_26884_49630.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP_FA_2019_26884_49629.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/31/2019 10/31/2019	Luz Dial

LM Start	0.02	Rating **	A/W	Issue No.	6 (cont)	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP LMA Responsibility			38.657400 °		38.657400 °
				-121.474455 °		-121.474455 °
DWR ID	24092					
Comment Code						
Inspector Comment						
DS_ID:24092						
FS_ID:26884						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 22.7 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at located on the waterside (WS) end. Concrete headwalls on both ends, WS and landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118 Part 2, August 1959, Drawing No. 1-4-392 of Exhibit B, (Station 396+65)].						
FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2019_26884_49628.jpg



Concrete vault protected by posts located on waterward shoulder.

LM Start	0.32	Rating **	A	Issue No.	4
LM End	1.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657893 °	38.662273 °
				-121.469085 °	-121.452393 °
DWR ID	DWR_NA0001_06_f_2019_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_57_4_20191119_00010.jpg



View of well-maintained waterside vegetation. Fall 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/31/2019 10/31/2019	Luz Dial

LM Start	0.32	Rating **	A	Issue No.	5
LM End	1.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657893 °	38.662272 °
				-121.469085 °	-121.452390 °
DWR ID	DWR_NA0001_06_f_2019_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_57_5_20191119_00011.jpg



View of well-maintained landside vegetation. Fall 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	0.03	Rating **	C	Issue No.	49
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		38.620493°	38.620493°	
			-121.467370°	-121.467370°	
DWR ID	DWR_NA0001_07_f_2019_49				
Comment Code					
Inspector Comment					
Repair the access gate at the levee ramp.					

No Photos

LM Start	0.42	Rating **	C	Issue No.	36
LM End	0.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623653°	38.623803°	
			-121.461383°	-121.461138°	
DWR ID	DWR_NA0001_07_s_2019_36				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris from levee shoulder.					

No Photos

LM Start	0.46	Rating **	C	Issue No.	42
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.623950°	38.623950°	
			-121.460677°	-121.460677°	
DWR ID	DWR_NA0001_07_s_2019_42				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris on shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	0.56	Rating **	C	Issue No.	45
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624833 °	38.624988 °
				-121.459402 °	-121.459302 °
DWR ID	DWR_NA0001_07_s_2019_45				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris on the shoulder and slope.					

No Photos

LM Start	0.70	Rating **	M	Issue No.	38
LM End	0.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624882 °	38.624882 °
				-121.457203 °	-121.457203 °
DWR ID	DWR_NA0001_07_f_2019_38				
Comment Code					
GA : Garbage					
Inspector Comment					
Remove garbage bags from levee shoulder near gate.					

Photo 1 of 1 : FA_2019_NA0001_58_38_20191106_00063.jpg



View of garbage bags located on the levee shoulder. Fall 2019

LM Start	0.83	Rating **	C	Issue No.	48
LM End	0.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625033 °	38.625033 °
				-121.454953 °	-121.454953 °
DWR ID	DWR_NA0001_07_s_2019_48				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair slope damage from campers digging into the levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.05	Rating **	C	Issue No.	5
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625862 °	38.625862 °
				-121.450978 °	-121.450978 °
DWR ID	DWR_NA0001_07_f_2017_5				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	1.33	Rating **	A/W	Issue No.	54
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.626321 °	38.626321 °
				-121.445964 °	-121.445964 °
DWR ID	24370				
Comment Code					
Inspector Comment					
DS_ID:24370 FS_ID:29301 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade CK just upstream of Rio Linda. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 11 feet below the crown. Slide gate in CM riser on the waterside (WS) slope. Flap gate on the WS end. Concrete headwalls on both ends, WS and landside (LS). (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 65+73)] FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_FA_2019_29301_54278.jpg



View of flood wall along waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.33	Rating **	A/W	Issue No.	54 (cont)	
LM End	1.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP LMA Responsibility			38.626321 °		38.626321 °
				-121.445964 °		-121.445964 °
DWR ID	24370					
Comment Code						
Inspector Comment						
DS_ID:24370 FS_ID:29301 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade CK just upstream of Rio Linda. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 11 feet below the crown. Slide gate in CM riser on the waterside (WS) slope. Flap gate on the WS end. Concrete headwalls on both ends, WS and landside (LS). (no permit has been identified authorizing this structure, structure is owned by the City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 65+73)] FS Date: 12/20/2013						

Photo 2 of 3 : UCIP_FA_2019_29301_54277.jpg



View of landward side.

LM Start	1.33	Rating **	A/W	Issue No.	54 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_29301_54276.jpg



Concrete vault located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.39	Rating **	C	Issue No.	34
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.626601°	38.626601°	
			-121.445016°	-121.445016°	
DWR ID	DWR_NA0001_07_s_2012_34				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	55
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.627201 °	38.627201 °
				-121.443790 °	-121.443790 °
DWR ID	24371				

Comment Code

Inspector Comment

DS_ID:24371
FS_ID:29302
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana)
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).
06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 9.3 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside CM riser located on the WS slope. Flap gate is located on the WS end. (24-inch referenced in USACE O&M manual -- no permit found, the City of Sacramento is the owner; according to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it". Conflicting information makes it difficult to determine fate of 24-inch pipe (extent of work completed under permit); 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19129, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 70+09)].
FS Date: 12/20/2013

Photo 1 of 3 : UCIP_FA_2019_29302_54282.jpg



View of levee crown--flood wall located along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	55 (cont)
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.627201 °	38.627201 °
				-121.443790 °	-121.443790 °
DWR ID	24371				

Comment Code

Inspector Comment

DS_ID:24371

FS_ID:29302

EP_NO: N/A

Repair Type: No Action Needed

Crossing Status: Found

UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana)

06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).

06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 9.3 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside CM riser located on the WS slope. Flap gate is located on the WS end. (24-inch referenced in USACE O&M manual -- no permit found, the City of Sacramento is the owner; according to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it". Conflicting information makes it difficult to determine fate of 24-inch pipe (extent of work completed under permit); 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19129, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 70+09)]. FS Date: 12/20/2013

Photo 2 of 3 : UCIP_FA_2019_29302_54283.jpg



Headwall with debris screen located at waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.47	Rating **	A/W	Issue No.	55 (cont)	
LM End	1.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.627201 °	38.627201 °	
				-121.443790 °	-121.443790 °	
DWR ID	24371					
Comment Code						
Inspector Comment						

DS_ID:24371
FS_ID:29302
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana)
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).
06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 9.3 feet below the crown. Concrete headwalls on both waterside (WS) and landside (LS) ends. Slide gate inside CM riser located on the WS slope. Flap gate is located on the WS end. (24-inch referenced in USACE O&M manual -- no permit found, the City of Sacramento is the owner; according to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it". Conflicting information makes it difficult to determine fate of 24-inch pipe (extent of work completed under permit); 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19129, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 70+09)].
FS Date: 12/20/2013

Photo 3 of 3 : UCIP_FA_2019_29302_54284.jpg



View of waterward side--concrete vault and headwall.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.64	Rating **	C	Issue No.	18
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.627670°	38.627670°	
			-121.440814°	-121.440814°	
DWR ID	DWR_NA0001_07_f_2017_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	57	
LM End	1.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.628108 °	38.628108 °	
				-121.439471 °	-121.439471 °	
DWR ID	24373					
Comment Code						
Inspector Comment						
DS_ID:24373 FS_ID:29324 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 7.8 feet below the crown. Concrete headwall on each end. Slide gate inside a corrugated metal (CM) riser on the waterside (WS) slope. Flap gate at the outlet. (No permit has been identified authorizing this structure. Structure is owned by the City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19126, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 77+12)]. FS Date: 12/20/2013						

Photo 1 of 3 : UCIP_FA_2019_29324_54305.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	57 (cont)	
LM End	1.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.628108 °	38.628108 °	
				-121.439471 °	-121.439471 °	
DWR ID	24373					
Comment Code						
Inspector Comment						
DS_ID:24373 FS_ID:29324 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 7.8 feet below the crown. Concrete headwall on each end. Slide gate inside a corrugated metal (CM) riser on the waterside (WS) slope. Flap gate at the outlet. (No permit has been identified authorizing this structure. Structure is owned by the City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19126, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 77+12)]. FS Date: 12/20/2013						

Photo 2 of 3 : UCIP_FA_2019_29324_54307.jpg



Floodwall along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.72	Rating **	A/W	Issue No.	57 (cont)	
LM End	1.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.628108 °	38.628108 °	
				-121.439471 °	-121.439471 °	
DWR ID	24373					
Comment Code						
Inspector Comment						
DS_ID:24373 FS_ID:29324 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 7.8 feet below the crown. Concrete headwall on each end. Slide gate inside a corrugated metal (CM) riser on the waterside (WS) slope. Flap gate at the outlet. (No permit has been identified authorizing this structure. Structure is owned by the City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19126, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, Drawing No. 1-4-392 Exhibit B, (Station 77+12)]. FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2019_29324_54306.jpg



Concrete headwall with debris screen located on waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.83	Rating **	A/W	Issue No.	58
LM End	1.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.628381 °	38.628381 °
				-121.437412 °	-121.437412 °
DWR ID	24375				

Comment Code

Inspector Comment

DS_ID:24375

FS_ID:29326

EP_NO: N/A

Repair Type: No Action Needed

Crossing Status: Found

UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).

FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside a corrugated metal (CM) riser unit on the waterside (WS) slope. Flap gate at the outlet. Concrete headwall on each end. (No permit has been identified authorizing the original structure. Structure is owned by the City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19127, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit No. 118, Part No. 2, October 1959, Drawing No. 1-4-392, Exhibit B, (Station 84+62)]. FS Date: 12/20/2013

Photo 1 of 3 : UCIP_FA_2019_29326_54319.jpg



Floodwall along waterward shoulder for almost entire Unit.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.83	Rating **	A/W	Issue No.	58 (cont)
LM End	1.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.628381 °	38.628381 °
				-121.437412 °	-121.437412 °
DWR ID	24375				
Comment Code					
Inspector Comment					
DS_ID:24375 FS_ID:29326 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside a corrugated metal (CM) riser unit on the waterside (WS) slope. Flap gate at the outlet. Concrete headwall on each end. (No permit has been identified authorizing the original structure. Structure is owned by the City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19127, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit No. 118, Part No. 2, October 1959, Drawing No. 1-4-392, Exhibit B, (Station 84+62)]. FS Date: 12/20/2013					

Photo 2 of 3 : UCIP_FA_2019_29326_54318.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.83	Rating **	A/W	Issue No.	58 (cont)	
LM End	1.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.628381°	38.628381°	
				-121.437412°	-121.437412°	
DWR ID	24375					
Comment Code						
Inspector Comment						
DS_ID:24375 FS_ID:29326 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana). FIELD_STRUCT_DESC: 24-inch reinforced concrete drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside a corrugated metal (CM) riser unit on the waterside (WS) slope. Flap gate at the outlet. Concrete headwall on each end. (No permit has been identified authorizing the original structure. Structure is owned by the City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19127, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit No. 118, Part No. 2, October 1959, Drawing No. 1-4-392, Exhibit B, (Station 84+62)]. FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_FA_2019_29326_54320.jpg



Inside view of concrete riser located on waterward shoulder--debris found at the bottom of riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/31/2019 11/05/2019	Luz Dial

LM Start	1.84	Rating **	C	Issue No.	47
LM End	1.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.628408 °	38.628385 °
				-121.437338 °	-121.437320 °
DWR ID	DWR_NA0001_07_s_2019_47				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove two tree stumps on levee easement.					

No Photos

LM Start	1.84	Rating **	C	Issue No.	46
LM End	1.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.628385 °	38.628385 °
				-121.437320 °	-121.437320 °
DWR ID	DWR_NA0001_07_s_2019_46				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Backfill hole on the slope.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/31/2019 10/31/2019	Luz Dial

LM Start	0.49	Rating **	C	Issue No.	24
LM End	0.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.668123°	38.668123°	
			-121.438660°	-121.438660°	
DWR ID	DWR_NA0001_08_s_2019_24				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on waterside slope.					

No Photos

LM Start	1.39	Rating **	C	Issue No.	10
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.660990°	38.660990°	
			-121.430113°	-121.430113°	
DWR ID	DWR_NA0001_08_f_2018_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.43	Rating **	C	Issue No.	17
LM End	1.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.660820°	38.660820°	
			-121.429445°	-121.429445°	
DWR ID	DWR_NA0001_08_s_2019_17				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Monitor animal activity, and backfill animal hole near gate.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	11/05/2019 11/05/2019	Luz Dial

LM Start	0.01	Rating **	A/W	Issue No.	20
LM End	0.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.567953 °	38.567953 °
				-121.383343 °	-121.383343 °
DWR ID	DWR_NA0001_09_s_2019_20				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

Photo 1 of 1 : FA_2019_NA0001_60_20_20191119_00044.jpg



View of footpath on the waterside slope. Fall 2019

LM Start	0.45	Rating **	N	Issue No.	14
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566298 °	38.566298 °
				-121.390680 °	-121.390680 °
DWR ID	DWR_NA0001_09_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_60_14_20190904_00005.jpg



View of tree trunk at fence line. Fall 2016

LM Start	1.55	Rating **	M	Issue No.	26
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.561310 °	38.561080 °
				-121.409907 °	-121.411070 °
DWR ID	DWR_NA0001_09_s_2019_26				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	11/05/2019 11/05/2019	Luz Dial

LM Start	1.68	Rating **	M	Issue No.	29
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.560858 °	38.560832 °	
			-121.412273 °	-121.412603 °	
DWR ID	DWR_NA0001_09_s_2019_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.83	Rating **	M	Issue No.	24
LM End	1.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.560953 °	38.560953 °	
			-121.415048 °	-121.415048 °	
DWR ID	DWR_NA0001_09_f_2019_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove a large tree limb at the levee toe.					

No Photos

LM Start	1.88	Rating **	C	Issue No.	28
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.561171 °	38.561171 °	
			-121.415808 °	-121.415808 °	
DWR ID	DWR_NA0001_09_s_2016_28				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	11/05/2019 11/05/2019	Luz Dial

LM Start	2.05	Rating **	A/W	Issue No.	22
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.562487°	38.562487°
				-121.418462°	-121.418462°
DWR ID	DWR_NA0001_09_f_2019_22				
Comment Code					
Inspector Comment					
Monitor animal activity.					

No Photos

LM Start	2.17	Rating **	C	Issue No.	19
LM End	2.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.563904°	38.563904°
				-121.419690°	-121.419690°
DWR ID	DWR_NA0001_09_f_2018_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor rodent activity and backfill hole.					

No Photos

LM Start	2.67	Rating **	A/W	Issue No.	18
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.571065°	38.571065°
				-121.420865°	-121.420865°
DWR ID	DWR_NA0001_09_f_2018_18				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	11/05/2019 11/05/2019	Luz Dial

LM Start	2.73	Rating **	C	Issue No.	9
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.571868°	38.571868°	
			-121.420605°	-121.420605°	
DWR ID	DWR_NA0001_09_s_2018_9				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath appears to be stable at this time but should be monitored for further erosion.					

No Photos

LM Start	2.92	Rating **	C	Issue No.	8
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.574474°	38.574474°	
			-121.419734°	-121.419734°	
DWR ID	DWR_NA0001_09_f_2017_8				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.17	Rating **	M	Issue No.	21
LM End	3.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.578007°	38.578007°	
			-121.418470°	-121.418470°	
DWR ID	DWR_NA0001_09_f_2019_21				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings that obstruct visibility of levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	11/13/2019 11/13/2019	Luz Dial

LM Start	1.27	Rating **	M	Issue No.	31
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.583892 °	38.583892 °
				-121.340028 °	-121.340028 °
DWR ID	DWR_NA0001_10_f_2019_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal hole in the toe road behind the Sheriff's Academy.					

No Photos

LM Start	1.45	Rating **	C	Issue No.	32
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.582172 °	38.582012 °
				-121.342440 °	-121.342812 °
DWR ID	DWR_NA0001_10_s_2019_32				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581745 °	38.581745 °
				-121.343357 °	-121.343357 °
DWR ID	DWR_NA0001_10_f_2018_25				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Vegetation partially obstructs access.					

Photo 1 of 1 : FA_2019_NA0001_61_25_20190904_00007.jpg



View of vegetation at landside toe. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	11/13/2019 11/13/2019	Luz Dial

LM Start	1.91	Rating **	M	Issue No.	30
LM End	1.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.578782 °	38.578782 °
				-121.349662 °	-121.349662 °
DWR ID	DWR_NA0001_10_f_2019_30				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal hole at the edge of the levee toe easement next to the fence.					

Photo 1 of 1 : FA_2019_NA0001_61_30_20191119_00034.jpg



View of animal hole at the edge of the levee toe easement. Fall 2019

LM Start	2.07	Rating **	M	Issue No.	36
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.577573 °	38.577573 °
				-121.352332 °	-121.352332 °
DWR ID	DWR_NA0001_10_s_2019_36				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0001_61_36_20190904_00011.jpg



View of squirrel hole with activity along toe road. Spring 2019

LM Start	2.07	Rating **	M	Issue No.	36 (cont)
LM End	2.07	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0001_61_36_20190904_00012.jpg



View of animal holes on levee slope and toe road. Spring 2019

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	11/13/2019 11/13/2019	Luz Dial

LM Start	2.41	Rating **	A/W	Issue No.	7
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575126°	38.575126°
				-121.357575°	-121.357575°
DWR ID	DWR_NA0001_10_f_2013_7				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_61_7_20190904_00002.jpg



View of the pathway on the landside levee slope. Fall 2013

LM Start	3.21	Rating **	A/W	Issue No.	24
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569973 °	38.569973 °
				-121.370817 °	-121.370817 °
DWR ID	DWR_NA0001_10_f_2018_24				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor the footpath for possible further erosion.					

No Photos

LM Start	3.22	Rating **	A/W	Issue No.	2
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569955 °	38.569955 °
				-121.370988 °	-121.370988 °
DWR ID	DWR_NA0001_10_f_2017_2				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor the footpath for possible further erosion.					

Photo 1 of 1 : FA_2019_NA0001_61_2_20190904_00001.jpg



View of the footpath on the levee slope. Fall 2017

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	11/13/2019 11/13/2019	Luz Dial

LM Start	3.24	Rating **	A/W	Issue No.	23
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569930 °	38.569930 °
				-121.371353 °	-121.371353 °
DWR ID	DWR_NA0001_10_f_2018_23				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor the footpath for possible further erosion.					

No Photos

LM Start	3.25	Rating **	C	Issue No.	43
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569880 °	38.569880 °
				-121.371508 °	-121.371508 °
DWR ID	DWR_NA0001_10_s_2019_43				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	3.48	Rating **	M	Issue No.	19
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569494 °	38.569494 °
				-121.375684 °	-121.375684 °
DWR ID	DWR_NA0001_10_f_2018_19				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_61_19_20190904_00004.jpg



View of footpath on landside slope. Spring 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	11/13/2019 11/13/2019	Luz Dial

LM Start	3.64	Rating **	M	Issue No.	47
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568910 °	38.568910 °
				-121.378572 °	-121.378572 °
DWR ID	DWR_NA0001_10_s_2019_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.67	Rating **	M	Issue No.	48
LM End	3.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568827 °	38.568827 °
				-121.379042 °	-121.379042 °
DWR ID	DWR_NA0001_10_s_2019_48				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.77	Rating **	N	Issue No.	28
LM End	3.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568375 °	38.568375 °
				-121.380889 °	-121.380889 °
DWR ID	DWR_NA0001_10_s_2017_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_61_28_20190904_00009.jpg



View of the tree stump at the levee toe. Spring 2017

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/31/2019 10/31/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662465 °	38.667975 °
				-121.457807 °	-121.447383 °
DWR ID	DWR_NA0001_11_f_2019_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_436_6_20191119_00014.jpg



View of well-maintained landside vegetation. Fall 2019

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662465 °	38.667975 °
				-121.457807 °	-121.447383 °
DWR ID	DWR_NA0001_11_f_2019_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0001_436_7_20191119_00013.jpg



View of well-maintained waterside vegetation. Fall 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	11/01/2019 11/01/2019	Luz Dial

LM Start	0.82	Rating **	C	Issue No.	12
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.577167°	38.577167°
				-121.342332°	-121.342332°
DWR ID	DWR_NA0001_12_s_2019_12				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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